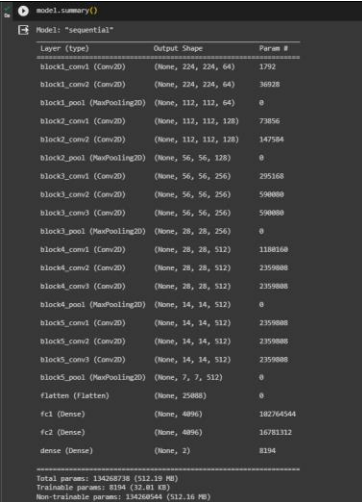
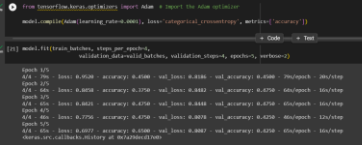


## Project Development Phase Model Performance Test

Date	9 November 2023
Team ID	Team-592538
Project Name	AUTOMATED PREDICTION MODEL FOR DIABETIC RETINOPATHY USING CNN
Maximum Marks	10 Marks

### Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Model Summary	-	 <pre> model.summary() Model: "Sequential" Layer (type) Output Shape Param # ----- block1_conv1 (Conv2D) (None, 224, 224, 64) 1792 block1_conv2 (Conv2D) (None, 224, 224, 64) 36928 block1_pool (MaxPooling2D) (None, 112, 112, 64) 0 block2_conv1 (Conv2D) (None, 112, 112, 128) 73856 block2_conv2 (Conv2D) (None, 112, 112, 128) 147304 block2_pool (MaxPooling2D) (None, 56, 56, 128) 0 block3_conv1 (Conv2D) (None, 56, 56, 256) 295360 block3_conv2 (Conv2D) (None, 56, 56, 256) 590880 block3_conv3 (Conv2D) (None, 56, 56, 256) 590880 block3_pool (MaxPooling2D) (None, 28, 28, 256) 0 block4_conv1 (Conv2D) (None, 28, 28, 512) 1180160 block4_conv2 (Conv2D) (None, 28, 28, 512) 2359680 block4_conv3 (Conv2D) (None, 28, 28, 512) 2359680 block4_pool (MaxPooling2D) (None, 14, 14, 512) 0 block5_conv1 (Conv2D) (None, 14, 14, 512) 2359680 block5_conv2 (Conv2D) (None, 14, 14, 512) 2359680 block5_conv3 (Conv2D) (None, 14, 14, 512) 2359680 block5_pool (MaxPooling2D) (None, 7, 7, 512) 0 flatten (Flatten) (None, 25088) 0 fc1 (Dense) (None, 4096) 10276544 fc2 (Dense) (None, 4096) 16781112 dense (Dense) (None, 2) 8194 ----- Total params: 134208738 (512.10 MB) Trainable params: 8194 (32.81 KB) Non-trainable params: 134200544 (512.10 MB) </pre>
2.	Accuracy	Training Accuracy – 0.423  Validation Accuracy -0.415	 <pre> Epoch 100: loss: 0.4230 accuracy: 0.4230 val_loss: 0.4150 val_accuracy: 0.4150 -&gt; Epoch 100/100 Total params: 134208738 (512.10 MB) Trainable params: 8194 (32.81 KB) Non-trainable params: 134200544 (512.10 MB) </pre>